

IN THE CLAIMS:

Claim 1. (currently amended) A light bulb , comprising:

~~at least one light emitting device;~~

~~a cup for light reflection in which said light emitting device is housed;~~

a ridged metal grid with walls protruding normal to the plane of said grid to form partitions, placed in the open end of said cup, and

~~at least one light emitting device mounted on the inner surface of said metal grid facing to the cup, wherein the emitted light is reflected by said cup before transmitting through said grid, serving as a radiator to dissipate the heat generated from said light emitting device, and as windows for transmission of light emitted from said light emitting device.~~

Claim 2. (original) The light bulb as described in claim 1, wherein said metal grid comprises a matrix of parallel horizontal plates and parallel vertical walls, each having an outer surface facing said open end and an inner surface facing said light emitting device.

Claim 3. (canceled) ~~The light bulb as described in claim 2, wherein said at least one light emitting device is placed on said inner surface of said metal grid.~~

Claim 4. (currently amended) The light bulb as described in claim 2, wherein ~~each one of~~ said ~~at least one~~ light emitting device has two electrodes connected to one of said parallel horizontal plates and one of said parallel vertical walls respectively, and said horizontal plates and said vertical walls are insulated from each other.

Claim 5. (previously amended) The light bulb as described in claim 1, wherein said ridged metal grid is back-filled with transparent material selected from the group consisting of glass and transparent polymer composite.

Claim 6. (canceled) ~~The light bulb as described in claim 1, wherein one said light emitting device is placed at the bottom of the cup.~~

Claim 7. (currently amended)) The light bulb as described in claim 5, wherein said metal grid is partially protruded outside ~~back filled~~ said transparent material for increasing heat removal.